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OM protein - protein search, using sw model

Run on: May 23, 2001, 15:53:47 ; Search time 109.73 seconds

(without alignments)
52.522 Million cell updates/sec

Title: US-09-518-931-2

Perfect score: 1634

Sequence: 1 MRALGPGSLCLVLPALPA.....RVARMPGLERSVRRFLPVH 300

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 185757 seqs, 19210857 residues

Total number of hits satisfying chosen parameters: 185757

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PCITUS.COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/Backfilest1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1634	100.0	300	2	US-08-794-796-2
2	444	27.2	401	3	US-08-974-022-6
3	444	27.2	401	4	US-09-042-785A-12
4	425.5	26.0	401	3	US-08-974-022-2
5	424.5	26.0	401	3	US-08-974-022-4
6	424.5	26.0	401	4	US-09-042-785A-13
7	353.5	21.6	461	4	US-09-042-785A-7
8	351.5	21.5	461	1	US-08-385-229-2
9	351.5	21.5	461	1	US-08-650-000-2
10	351.5	21.5	461	6	5395760-2
11	346	21.2	227	3	US-08-974-022-48
12	344	21.1	486	1	US-08-243-010-1
13	344	21.1	518	1	US-08-385-229-4
14	332.5	20.3	474	2	US-08-650-000-4
15	332.5	20.3	474	4	US-09-042-785A-8
16	332.5	20.3	474	6	5395760-4
17	318	19.5	163	2	US-08-219-237B-5
18	316	19.3	164	2	US-08-232-087A-9
19	287	17.6	253	4	US-09-042-785A-4
20	287	17.6	605	4	US-09-042-785A-23
21	287	17.6	655	3	US-08-959-382-2
22	285.5	17.5	197	2	US-08-505-606-1
23	264.5	16.2	355	1	US-08-292-549-6
24	246	15.1	283	5	PCT-US96-12374-2
25	239	14.6	451	3	US-08-996-139-4
26	239	14.6	616	3	US-08-996-139-6
27	236.5	14.5	207	3	US-08-974-022-47

28	236.5	14.5	325	1	US-08-292-549-2	Sequence 2, Appl
29	236.5	14.5	325	4	US-09-042-785A-9	Sequence 9, Appl
30	236.5	14.5	325	5	PCT-US91-02207-2	Sequence 2, Appl
31	233.5	14.4	591	3	US-08-996-139-2	Sequence 2, Appl
32	233.5	14.3	625	3	US-08-996-139-15	Sequence 15, Appl
33	226	13.8	277	2	US-08-147-784-2	Sequence 2, Appl
34	225	13.8	573	4	US-09-042-785A-2	Sequence 2, Appl
35	215	13.2	326	1	US-08-292-549-4	Sequence 4, Appl
36	215	13.2	326	5	PCT-US91-02207-4	Sequence 4, Appl
37	214	13.1	205	3	US-08-974-022-51	Sequence 51, Appl
38	212	13.0	139	2	US-08-219-237B-8	Sequence 8, Appl
39	211	12.9	277	4	US-09-042-785A-10	Sequence 10, Appl
40	203	12.4	197	3	US-08-974-022-49	Sequence 49, Appl
41	203	12.4	289	4	US-09-042-785A-11	Sequence 11, Appl
42	202.5	12.4	162	2	US-08-219-237B-7	Sequence 7, Appl
43	198.5	12.1	206	1	US-08-097-827-7	Sequence 7, Appl
44	198.5	12.1	206	1	US-08-494-574-7	Sequence 7, Appl
45	198.5	12.1	438	1	US-08-097-827-11	Sequence 11, Appl

ALIGNMENTS

RESULT 1
US-08-794-796-2
Sequence 2, Application US/08794796
Patent No. 5885800
GENERAL INFORMATION:
APPLICANT: Emery, John
APPLICANT: Tan, KB
APPLICANT: Truneh, Alem
APPLICANT: Young, Peter
TITLE OF INVENTION: Tumor Necrosis Related Receptor,
TITLE OF INVENTION: TR4
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/794,796
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Han, William T
REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: GH50000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
TELEFAX: 610-270-4026
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 300 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-794-796-2
Query Match 100.0%, Score 1634, DB 2, Length 300;

Best Local Similarity 100.0%; Pred. No. 2.5e-127;
Matches 300; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRALEBGLSLICLVIALPALPVPVAVGVAET-PTYPMWDAETGERLVCAQCPGTFVOR 60
DB 1 MRALEBGLSLICLVIALPALPVPVAVGVAET-PTYPMWDAETGERLVCAQCPGTFVOR 60
QY 61 PCRBDPTTCGPPRRHYTOFMWYLERCRVNLGCEEREERACHATHNRACRCRTGFF 120
DB 61 PCRBDPTTCGPPRRHYTOFMWYLERCRVNLGCEEREERACHATHNRACRCRTGFF 120
QY 121 AHAGFLEHASCPPGAGVIAVGTSPONTOCPCPGTFSSASSSSSEOCOPHRNCTALGLA 180
DB 121 AHAGFLEHASCPPGAGVIAVGTSPONTOCPCPGTFSSASSSSSEOCOPHRNCTALGLA 180
QY 181 LNPVSSSHDTLCTCTGTFPLSTRVGAEECEERAVIDEVAFODISIKRLORLQALEAPE 240
DB 181 LNPVSSSHDTLCTCTGTFPLSTRVGAEECEERAVIDEVAFODISIKRLORLQALEAPE 240
QY 241 GWCPTPRAGRAALQKLRRRLTELLGADGALLVRLQALRVARMGLESVERERLPH 300
DB 241 GWCPTPRAGRAALQKLRRRLTELLGADGALLVRLQALRVARMGLESVERERLPH 300

RESULT 2

US-08-974-022-6
Sequence 6, Application US/08974022
Patent No. 6015938

GENERAL INFORMATION:

APPLICANT: Boyle, William J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Delavayland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,022
FILING DATE: 12-DEC-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-378
INFORMATION FOR SEQ. ID NO.:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-974-022-6

Query Match 27.2%; Score 444; DB 3; Length 401;
Best Local Similarity 39.6%; Pred. No. 3.5e-29;

Matches 84; Conservative 32; Mismatches 86; Indels 10; Gaps 4;

QY 11 LTLCLVIALPALLPVPVAVGVAET--PTYPMWDAETGERLVCAQCPGTFVORPCRDSPT 68
DB 4 LTLCLVIALPALLPVPVAVGVAET--PTYPMWDAETGERLVCAQCPGTFVORPCRDSPT 68

QY 69 TCGPCPPRRHYTOFMWYLERCRVNLGCEEREERACHATHNRACRCRTGFFAHAGFLE 128
DB 61 VCAPCPDHYTDSWHTSDECLYCSVPCKELQYVKQECMRTHNRVCECKEGRYLEIEFCLK 120
QY 129 HASCPPGAGVIAVGTSPONTOCPCPGTFSSASSSSSEOCOPHRNCTALGLALNVPSSS 188
DB 121 HASCPPGAGVIAVGTSPONTOCPCPGTFSSASSSSSEOCOPHRNCTALGLALNVPSSS 188
QY 189 HDLTCTCTGTFPLSTRVGAEE--CERAVIDE 218
DB 181 HDNI---CSGNSESTOKGIDVTLCCEAFRR 209

RESULT 3

US-09-042-785A-12
Sequence 12, Application US/09042785A
Patent No. 6194151

GENERAL INFORMATION:

APPLICANT: Buefield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandiagouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ. ID NO.: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: Internal
US-09-042-785A-12

Query Match 27.2%; Score 444; DB 4; Length 401;
Best Local Similarity 39.6%; Pred. No. 3.5e-29;

Matches 84; Conservative 32; Mismatches 86; Indels 10; Gaps 4;

QY 11 LTLCLVIALPALLPVPVAVGVAET--PTYPMWDAETGERLVCAQCPGTFVORPCRDSPT 68
DB 4 LTLCLVIALPALLPVPVAVGVAET--PTYPMWDAETGERLVCAQCPGTFVORPCRDSPT 68
QY 69 TCGPCPPRRHYTOFMWYLERCRVNLGCEEREERACHATHNRACRCRTGFFAHAGFLE 128
DB 61 VCAPCPDHYTDSWHTSDECLYCSVPCKELQYVKQECMRTHNRVCECKEGRYLEIEFCLK 120
QY 129 HASCPPGAGVIAVGTSPONTOCPCPGTFSSASSSSSEOCOPHRNCTALGLALNVPSSS 188
DB 121 HASCPPGAGVIAVGTSPONTOCPCPGTFSSASSSSSEOCOPHRNCTALGLALNVPSSS 188

Page 4

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      APPLICATION NUMBER: US/09/042,785A
      FILING DATE: 17-MAR-1998
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: US 08/938,896
      FILING DATE: 26-SEP-1997
      ATTORNEY/AGENT INFORMATION:
      NAME: Mandragouras, Amy E
      REGISTRATION NUMBER: 36,207
      REFERENCE/DOCKET INFORMATION:
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (617)227-7400
      TELEFAX: (617)742-4214
      INFORMATION FOR SEQ ID NO: 7:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 461 amino acids
      TYPE: amino acid
      TOPOLOGY: linear
      MOLECULE TYPE: peptide
      FRAGMENT TYPE: internal
      ; ; ;
US-09-042-785A-7

      Query Match          21.6%; Score 353.5; DB 4; Length 461;
      Best Local Similarity 29.8%; Pred. No. 1,2e-21;
      Matches    96; Conservative   43; Mismatches 122; Indels   61; Gaps   12;

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QY      56  TFOQRCRROSPPTGCPCPRHAYTOFNWYLCRCRCVNLGGEEREARACAHANHRACG  115
Db      61  QHAKVCTKTSPTDVCSCDEDSTYTOLMMWVPECLSCSRCSDDVEFOACTREONRNICTC  120
QY      116  RTGFEFHAG-----FCLHASCSPGAGAVIAPGPSONTOCOPCPPTCFSSSSSEOCQ  169
Db      121  RPOWYCALNSQEOBCRLCAPLRCRCRGPFGVAPRGTETSDVYCKPCAPBTFESNTTSSPDICR  180
QY      170  PHNRCAALGLALNPPSSSHDITCTSCGPFPLSRVGAECCEAVYIDPAFDISIKRL  229
Db      181  PHQCNVVA-----IPQNASRDVACTST--PTRSMARAVAHLPQV-----STSQHT  227
QY      230  QRLQLALEADE-----GWCPTPRA---GRAALQTLKRLRLLTELLAQDQALLVRLQNL  280
Db      228  QPPEPSTASTSFTLLPMGPSPAGSGTGDPLALPLGLIVGTAL-----GLLIIGVNCV  282
QY      281  ---RVAMP-GLERSYRERFLP  298
Db      283  IMTOVKKKPLCLOREAKVPFLP  304

RESULT      8
US-08-385-229-2
: Sequence 2, Application US/08385229
: Patent No. 5605690
:
GENERAL INFORMATION:
:
APPLICANT: Jacobs, Cindy A.
:
APPLICANT: Smith, Craig A.
:
TITLE OF INVENTION: Method of Treating TNF-Dependent
:
TITLE OF INVENTION: Inflammation Using Tumor Necrosis Factor Antagonists
:
NUMBER OF SEQUENCES: 5
:
CORRESPONDENCE ADDRESS:
:
ADDRESSEE: Immunex Corporation
:
STREET: 51 University Street
:
City: Seattle
:
STATE: Washington
:
COUNTRY: U.S.A.
:
ZIP: 98101
:
COMPUTER READABLE FORM:
:
MEDIUM TYPE: floppy disk
:
COMPUTER: IBM PC compatible
:
OPERATING SYSTEM: PC-DOS/MS-DOS
:
SOFTWARE: PatentIn Release #1.0, Version #1.25

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NUMBER OF SEQUENCES: 17
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/523,635
FILING DATE: 10-MAY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 421,417
FILING DATE: 13-OCT-1989
APPLICATION NUMBER: 405,370
FILING DATE: 11-SEP-1989
APPLICATION NUMBER: 403,241
FILING DATE: 05-SEP-1989
SEQ ID NO: 2
LENGTH: 461
5395760-2

Query Match 21.5%; Score 351.5; DB 6; Length 461;
Best Local Similarity 29.8%; Pred. No. 1.7e-21;
Matches 96; Conservative 43; Mismatches 122; Indels 61; Gaps 12;

OY 8 GSLCLVIALPALPVPVAVGVAETPTYPWRDAETGE-----RLVCAOCPPG 55
DB 13 GLELMAAAHALPA-----QVAFTPYAP-----EPGSTCRLEXYDQTAOMCCSKCSPG 60
OY 56 TVQPRCRDPTTCGPPRRHYTOFWNVLECRVCNVLCGEREBARACHATHNRACRC 115
DB 61 QHAKVCTKTSPTVCDSCEDSTYTOLMNMVPECLSCGSSDQVETQACTREQNRICTC 120
OY 116 RTGFEFAHAG-----FCLHASCPCPGAGVIAPTPSONTQOCPPPTGTSASSSSSECO 169
DB 121 RFGWYCALSKQGCRLCAPLRKCRPGFVARPGTETSDVYCKPCAPGTFSTSTDICR 180
OY 170 PHNCTALGLALNVPSSSHDICTSGTGPPLSTRVPGAECECRAYIDFVAFQDISIKRL 229
DB 181 PHQICNVVA-----IPGNASRDVACTSTS--PTRSMAPGAVHLPQPV-----STSSQHT 227
OY 230 ORLLQALEAPE-----GWCPTPRA-----GRAALQKRLRLTLLLAOCALVRLLOAL 280
DB 228 QTPPESTASTFSLPMGSPSPAESGTGDFALPVLGVATL-----GLLTIGVNCV 282
OY 281 ---RVAMP-GLERSVREPLP 298
DB 283 IMTVKKKPLCLQREAKVPLP 304

RESULT 11
US-08-974-022-48
Sequence 48, Application US/08974022
Patent No. 6015938
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavenland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,022
FILING DATE: 12-DEC-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/577,788
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-378
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 227 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-974-022-48

Query Match 21.2%; Score 346; DB 3; Length 227;
Best Local Similarity 33.8%; Pred. No. 2.1e-21;
Matches 74; Conservative 28; Mismatches 81; Indels 36; Gaps 6;

OY 8 GSLCLVIALPALPVPVAVGVAETPTYPWRDAETGE-----RLVCAOCPPG 55
DB 13 GLELMAAAHALPA-----QVAFTPYAP-----EPGSTCRLEXYDQTAOMCCSKCSPG 60
OY 56 TVQPRCRDPTTCGPPRRHYTOFWNVLECRVCNVLCGEREBARACHATHNRACRC 115
DB 61 QHAKVCTKTSPTVCDSCEDSTYTOLMNMVPECLSCGSSDQVETQACTREQNRICTC 120
OY 116 RTGFEFAHAG-----FCLHASCPCPGAGVIAPTPSONTQOCPPPTGTSASSSSSECO 169
DB 121 RFGWYCALSKQGCRLCAPLRKCRPGFVARPGTETSDVYCKPCAPGTFSTSTDICR 180
OY 170 PHNCTALGLALNVPSSSHDICTSGTGPPLSTRVPGAECECRAYIDFVAFQDISIKRL 229
DB 181 PHQICNVVA-----IPGNASRDVACTSTS--PTRSMAPGAVHLPQPV-----STSSQHT 227

RESULT 12
US-08-243-010-1
Sequence 1, Application US/08243010
Patent No. 5639597
GENERAL INFORMATION:
APPLICANT: Lauffer, Leander
APPLICANT: Zeitmeisel, Gerd
APPLICANT: Oquendo, Patricia
TITLE OF INVENTION: Cell-free Receptor Binding Assays, The
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/243,010
FILING DATE: 13-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/798,564
FILING DATE: 26-NOV-1991
APPLICATION NUMBER: DE P 40 37 837.3
FILING DATE: 28-NOV-1990
ATTORNEY/AGENT INFORMATION:
NAME: Einaudi, Carol P.
REGISTRATION NUMBER: 32,220
REFERENCE/DOCKET NUMBER: 02481-1132-00000

Thu May 24 08:32:45 2001

us-09-518-931-2.ra1

Page 8

TELEPHONE: (206) 587-0430
TELEFAX: (206) 233-0644
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 474 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-650-000-4

Query Match 20.3%; Score 332.5; DB 2; Length 474;
Best Local Similarity 29.7%; Pred. No. 6.5e-20;
Matches 81; Conservative 44; Mismatches 109; Indels 39; Gaps 9;

OY 46 RLVCAQCPPTGVORPCRDSPPTCGPCPPRHYYTFWNYLERCRYCNVLCGEREEEARAC 105
DB 52 QMCAKCPGQYVYKHKFKNTSDTVACDEASMYTQVWNOFRCLSCSSCTTDQVEIRAC 111
OY 106 HATHNRACRCRTGFE---AHAGF---CLEHASCPPGAGVIAPGPNPSONTOCQPCPPTG 158
DB 112 TKQNRVACACEAGRYCALKTHSGRCQCMRLSKGPGFVASSRAPNGNVLCACAPGTF 171
OY 159 SASSSSECOOPHRNCTALGLALNVPGSSHDITCT---SCTGFPPLSTRVPGAECEERA 214
DB 172 SDTSTSTVOCRPHRICSTILA---IPGNASTDVCAPESPILSAIPRLIYVSQPEPTRSQ 227
OY 215 VIDFVAFQDISIKRLQRLQALAEAPGNGPTP---RAGRAALQKLRRRLTELLGAD 269
DB 228 PLD---QEPGSPQTSILTSL-----GSTPIIESTKGISLPIGLIVGVTSL----- 272
OY 270 GALLVRLQAL---RVAMPGLERSVREERFLP 298
DB 273 GLMLGLVNCIILVOKKKPSCLOADAKVPHVP 305

RESULT 15
US-09-042-785A-8
Sequence 8, Application US/09042785A
Patent No. 6194151
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESSES:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042.785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 474 amino acids

TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-09-042-785A-8

Query Match 20.3%; Score 332.5; DB 4; Length 474;
Best Local Similarity 29.7%; Pred. No. 6.5e-20;
Matches 81; Conservative 44; Mismatches 109; Indels 39; Gaps 9;

OY 46 RLVCAQCPPTGVORPCRDSPPTCGPCPPRHYYTFWNYLERCRYCNVLCGEREEEARAC 105
DB 52 QMCAKCPGQYVYKHKFKNTSDTVACDEASMYTQVWNOFRCLSCSSCTTDQVEIRAC 111
OY 106 HATHNRACRCRTGFE---AHAGF---CLEHASCPPGAGVIAPGPNPSONTOCQPCPPTG 158
DB 112 TKQNRVACACEAGRYCALKTHSGRCQCMRLSKGPGFVASSRAPNGNVLCACAPGTF 171
OY 159 SASSSSECOOPHRNCTALGLALNVPGSSHDITCT---SCTGFPPLSTRVPGAECEERA 214
DB 172 SDTSTSTVOCRPHRICSTILA---IPGNASTDVCAPESPILSAIPRLIYVSQPEPTRSQ 227
OY 215 VIDFVAFQDISIKRLQRLQALAEAPGNGPTP---RAGRAALQKLRRRLTELLGAD 269
DB 228 PLD---QEPGSPQTSILTSL-----GSTPIIESTKGISLPIGLIVGVTSL----- 272
OY 270 GALLVRLQAL---RVAMPGLERSVREERFLP 298
DB 273 GLMLGLVNCIILVOKKKPSCLOADAKVPHVP 305

Search completed: May 23, 2001, 15:56:28
Job time: 161 sec

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